Bruhath Bangalore Mahanagara Palike Dasarahalli Zone
Project Sub Division -01

Estimation for Providing of chain link fencing to chikkasandra Gundu Topu shettyhalli in Ward No 12.

Tender Schedule - B

Sl No	Qty	Description of Items	Unit
1	135.00	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in **Hard soil** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m after breaking the clods complete as per specification.	Cum
2	537.99	Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually(other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance of not exceeding 50m and lift upto 1.5m depth, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum
3	20.25	Providing and laying in position **Plain Cement Concrete of Mix M10 with OPC @220kgs,** using 20mm and down size graded granite metal coarse aggregates @0.84Cum and Fine aggregates @ 0.56 cum, machine mixed, concrete laid in layers not exceeding 15cm thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.	Cum
4	81.00	Providing and constructing granite/trap/basalt **Size Stone Masonry for Foundation** in cement mortar 1:6 hammered dressed in courses not less than 20cm high, bond stones at two meter apart in each course including cost of materials, labour, curing complete as per specification.	Cum
5	108.00	Providing and constructing granite/trap/basalt **Size Stone Masonry in Basement** in cement mortar 1:6 Edges of stones chistle dressed in courses not less than 15cm high, bond stones at two metre apart in each course including cost of materials, labour, curing complete as per specification.	Cum
6	217.50	Providing raised and cut pointing to coursed stone masonry with **CM 1:3**, after taking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm
7	10.05	Providing and laying in position **Plain Cement Concrete of Mix M20 with OPC @300kgs,** using 20mm and down size graded granite metal coarse aggregates @0.64Cum and Fine aggregates @ 0.43 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cm thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.	Cum

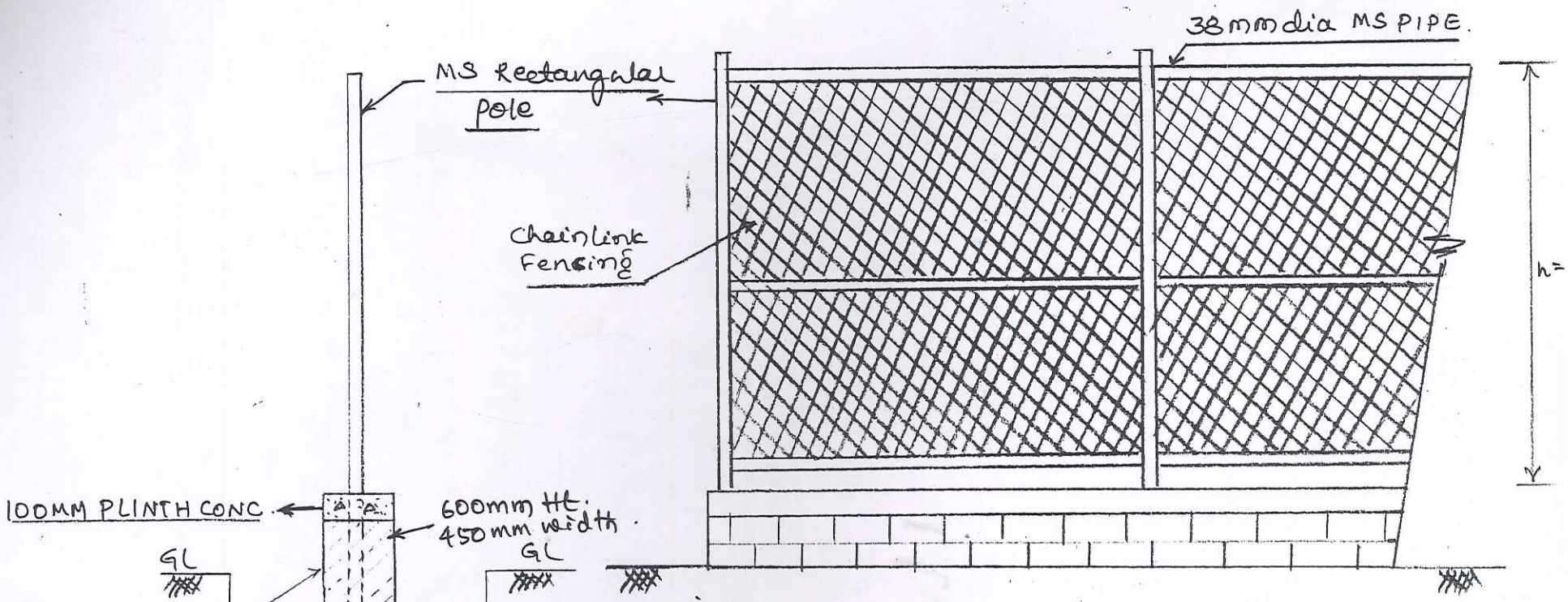
8	7.2	Providing and fixing M.S gate as per chief Architect drawing using 50mmX50mm 14 guage M.S Hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mmX 6mm and 16 x 16mm square rods for vertical alternatively spaced at 4cms C/C in two halves and 40mmx6mm M.S Flats for horizontal member and at the top cast iron Spikes are provided at alternate vertical members as shown in the drawing etc complete all the steel surface should thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc.. complete. The work hire include cost of materials, labour charges	Sqm
9	270.00	Providing chain link fencing 50mm size of 8 Guage property Streched between rectangular poles and fixed with suitable bolts &nuts, the free ends shall be Welded to the pole abd black pipe at Top and bottom as required including cost of all materials, labour, laed and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint.	Sqm
10	171.00	Supplying and fixing M.S.Rectangular poles made out of 2equal angles of 65X65X6mm welded together and fixed in CC (1:2:4) WITH 2Nos 16mm dia M.S. hold fast rods each of length 25Cms. Including cost of all materials cutting. Bending Scaffolding wherever necessary. niely finishing the welded joints with all lead lifts and as per the directions of the Engineer- in- charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete).	Rmt
11	450	Providing and fixing M S Block pipe of 38mm dia of heavy guage of 14 including removing the bends, cutting the pipe, and fixing the pipe in between the two verticle poles (M S rectangular poles) and spot welding the chain link with M S Block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-In-Charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.	m
12	1	Providing and fixing RCC name board of size 1.35x0.6x0.04 Mtrs fixed in RCC poles of size 0.10x2.60Mtrs in CC 1:1.5:3 proportion using 20mm and downsize graded metal machine mixed with 10mm dia main steel bars and 8mm dia stripes as shown in drawing. The board shall be provided with 12mm thick cement plaster in CM 1:3 on both the sides. The poles shall be embeded wiin the ground for a depth of 0.5m with CC 1:3:6 proportion. The board shall be fixed as per the drawing and at the place indicated by Engineer Charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering,	Nos
13	1	Providing and fixing Granite Benches with back resting the set is inclusive of material cost transportion charges including fixing the bench at the work spot. (Approved Rate).	Nos

14	1.00	Providing and fixing RCC name board of size 1.35x0.6x0.04 Mtrs fixed in RCC poles of size 0.10x2.60Mtrs in CC 1:1.5:3 proportion using 20mm and downsize graded metal machine mixed with 10mm dia main steel bars and 8mm dia stripes as shown in drawing. The board shall be provided with 12mm thick cement plaster in CM 1:3 on both the sides. The poles shall be embeded wiin the ground for a depth of 0.5m with CC 1:3:6 proportion. The board shall be fixed as per the drawing and at the place indicated by Engineer Charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc.. The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in Charge .	Nos
15	312	KSRB14-.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approvede size, shape and colour with a minium compressive strength of 281 kg per Sqm over 50mm thick swand bed (average thickness) and compavting with plate vibrator having 3tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of all materials, labour, HOM of machaineries complete as per Specifications. Specification No.KBS.	Nos

Contractor
Technical Manager-2
KRIDL, BBMP Bangalore

Executive Engineer
Projects Division, BBMP

Name of work:- providing of chainlink fencing to chikkasandra Gundu topu in Shettyhalli in W.NO. 12.



Elevation of chainlink fencing

c/s of chainlink fencing foundation.